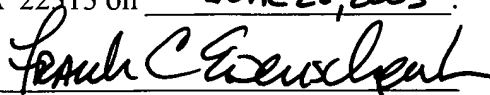
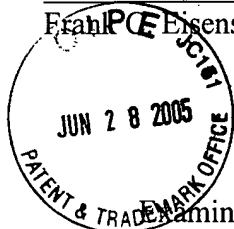


I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313 on June 28, 2005.

SUBMISSION OF SEQUENCE LISTING
AND STATEMENT
Examining Group 1631
Patent Application
Docket No. GEN-T109X
Serial No. 09/201,228


Frank P. Eisenschenk, Ph.D., Patent Attorney



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : John S. Brusca
Art Unit : 1631
Applicants : Rémy Griffais, Susan K. Hoiseth, Robert J. Zagursky, Benjamin J. Metcalf,
Joel A. Peek, Banumathi Sankaran, Leah D. Fletcher
Serial No. : 09/201,228
Filed : November 30, 1998
Conf. No. : 1303
For : Chlamydia Trachomatis Polynucleotides and Vectors, Recombinant Host
Cells, DNA Chips or Kits Containing the Same

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF SEQUENCE LISTING
AND STATEMENT UNDER 1.821

Sir:

Applicants submit herewith: (i) a replacement Sequence Listing on two compact discs labeled "Copy 1" and "Copy 2" pursuant to 37 C.F.R. §§ 1.52(e) and 1.821(c); and (ii) a computer readable form of the Substitute Sequence Listing pursuant to 37 C.F.R. § 1.821(e) and 1.824. Applicants also submit the necessary additional paragraph for the specification has been amended at page 1 of the specification.

Pursuant to 37 C.F.R. § 1.52 (e)(3)(ii), Copy 1 and Copy 2 of the replacement Sequence Listing are described as follows:

Copy 1:

Machine Format: IBM-PC
Operating System: MS-Windows 2000
File Name: seq-list-replace.txt
File Format: ASCII
Size: 4,771 KB
Creation Date: May 24, 2005; and

Copy 2:

Machine Format: IBM-PC
Operating System: MS-Windows 2000
File Name: seq-list-replace.txt
File Format: ASCII
Size: 4,771 KB
Creation Date: May 24, 2005.


Pursuant to 37 C.F.R. § 1.824, the computer readable form of the replacement Sequence Listing is described as follows:

Machine Format: IBM-PC
Operating System: MS-Windows 2000
File Name: seq-list-replace.txt
File Format: ASCII
Size: 4,771 KB
Creation Date: May 24, 2005.

Applicants respectfully request that the paper copy of the Sequence Listing as filed on January 18, 2001 in the subject application be replaced with Copy 1, Copy 2, and the computer readable form of the replacement Sequence Listing submitted herewith. In accordance with 37 C.F.R. §§ 1.52(e)(4) and 1.821(f), the content of Copy 1, Copy 2, and the replacement Sequence Listing submitted herewith are identical to each other and contain the same information. Further, in accordance with 37 C.F.R. § 1.821(g), the replacement Sequence Listing submitted herewith does not introduce new matter into the application.

The Commissioner is hereby authorized to charge any additional fees that may be required to Deposit Account No. 19-0065.

Respectfully submitted,



Frank C. Eisenschenk, Ph.D.

Patent Attorney

Registration No. 45,332

Telephone No.: (352) 375-8100

Facsimile No.: (352) 372-5800

Address: P.O. Box 142950
Gainesville, FL 32614-2950

FCE/sl

Attachments: Two copies of Sequence Listing on CDs (Labeled "Copy 1" and "Copy 2")
Sequence Listing in computer readable format (on compact disc)